



**2018 Endodontic Board Review and Scientific Update  
Schedule  
University of Texas Health, San Antonio**

**DAY 1: Friday, February 16, 2018**

*\*Course to be held in the Grand Ballroom all three days*

**7 a.m.                      *Registration and Breakfast***

**7:45 a.m.                *Welcome***

William W. Dodge, D.D.S., UTHSA School of Dentistry; Ken Hargreaves, D.D.S., Ph.D., Chair, UTHSA Department of Endodontics; Alan Law, D.D.S., Ph.D., Director, College of Diplomates; and Garry Myers, D.D.S., President, AAE

**8 a.m.                      *The Current Best Evidence for Endodontic Treatment Outcomes***

Shimon Friedman, D.M.D.

*Learning Objectives:*

1. *Describe the methodological considerations for clinical research aimed at studying prognosis.*
2. *Identify the current best evidence for different endodontic treatment modalities.*
3. *Summarize the prognosis, functional retention and survival after endodontic treatment.*
4. *List the clinical factors that influence the prognosis after endodontic treatment.*
5. *Debate the impact of treatment techniques on prognosis after endodontic treatment.*

**\*Disclosure:** Dr. Friedman has received past honoraria from DENTSPLY SIRONA.

**10 a.m.                    *Break***

**10:15 a.m.              *Risk Assessment and Management of the Medically Complex Endodontic Patient***

Bradford Johnson, D.D.S.

*Learning objectives:*

1. *Describe a risk assessment strategy for medically complex patients and know when to modify your standard treatment protocol and/or seek medical consultation prior to treatment.*
2. *Discuss common drug: drug interactions and allergies relevant to endodontic practice.*
3. *Explain appropriate treatment modifications for patients with cardiovascular disease, diabetes, pulmonary diseases, kidney and liver disease, immunosuppression, history of bisphosphonate therapy, and prosthetic joint replacement.*

**\*Disclosure:** Dr. Johnson has a past relationship with DENTSPLY SIRONA, as a consultant in 2016.

11:45 p.m.

*Lunch*

12:30 p.m.

***Endodontic Microbiology***

Christine Sedgley, M.D.S., M.D.Sc, PhD

*Learning Objectives:*

1. *At the end of this lecture, participants will have a better understanding of the major developments in endodontic microbiology and how they have influenced the practice of endodontics*
2. *Current concepts in endodontic microbiology and the significance of biofilm communities in endodontic infections*
3. *The effects of endodontic treatment procedures on the microflora*

**\*Disclosure:** Dr. Sedgley has no past or present proprietary or relevant financial relationship, or receive gifts in kind (including soft intangible remuneration), consulting position or affiliation, or other personal interest of any nature or kind in any product, service, course and/or company, or in any firm beneficially associated therewith.

2 p.m.

*Break*

2:15 p.m.

***Pharmacologic Management of Endodontic Infections***

Ken Hargreaves, D.D.S., Ph.D.

*Learning Objectives:*

1. *Describe a practical method that combines non-pharmacological treatment with the appropriate antibiotics for managing dental infections.*
2. *Understand the growing recognition of bacterial strains resistant to current antibiotics and be able to describe how to manage this problem.*
3. *Describe clinical outcome studies comparing one appointment to multiple appointment procedures*

3:45 p.m.

*Break*

4 p.m.

***From the Institution to the Clinician: Are you Practicing Evidence or Hearsay? A JOE Literature Review***

Anibal Diogenes D.D.S., Ph.D.

*Learning Objectives:*

*At the end of this lecture participants will be able to*

1. *Understand what constitutes evidence-based decisions*
2. *Identify and understand the features of a Meta-analysis*
3. *Identify strengths and weaknesses of published studies*

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position or affiliation, or other personal interest of any nature or kind in any product, service, course and/or company, or in any firm beneficially associated therewith.

5 p.m.

**ABE Boardwalk**

Craig Noblett, D.D.S., M.S., President, American Board of Endodontics

*Learning Objectives*

1. *Be able to use the ABE website as a resource for all information regarding applications, examination schedules and fees.*
2. *Be familiar with the application process for Board Certification*
3. *Be familiar with the examinations required to obtain the designation of Diplomate*

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6 – 7:30 p.m.

*Wine and Cheese Reception*

**DAY 2: Saturday, February 17, 2018**

7 a.m.

*Breakfast*

8 a.m.

**Radiology in Endodontics**

Marcel Noujeim, D.D.S., M.S.

*Learning Objectives:*

1. *The participants would be able to understand the difference between different types of volumes provided by CBCT and the role of pixel size in generating adequate images for endodontics.*
2. *They would also be exposed to the selection criteria and indication of use of cone beam CT as established by the American Academy of oral and maxillofacial radiology and the American Association of endodontists with many clinical cases chosen from our database exhibiting every single indication mentioned in the joint paper.*

**\*Disclosure:** Dr. Noujeim has no past or present proprietary or relevant financial relationship or receive gifts in kind (including soft intangible remuneration), consulting position or affiliation, or other personal interest of any nature or kind in any product, service, course and/or company, or in any firm beneficially associated therewith.

9 a.m.

**Regenerative Endodontics**

Anibal Diogenes, D.D.S., Ph.D.

*Learning Objectives:*

1. *Identify the biologic basis for regenerative procedures*
2. *Identify the strength and weakness of a regenerative approach*
3. *Recognize the major current challenges to be overcome with regenerative procedures*

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**10 a.m.** *Break*

**10:15 a.m.** ***Inflammation and Immunology***  
Asma Khan, B.D.S., Ph.D.

*Learning Objectives: At the end of the session the learner should be able to:*

- 1. Understand the role of the innate immune system in pulpal and periapical disease.*
- 2. Understand how the immune response contributes to odontogenic pain*
- 3. Understand the limitations of current diagnostic tools*
- 4. Have an improved understanding of new tools which may potentially improve diagnosis*
- 5. Identify effective strategies for preventing pulpal and periapical disease*

**11:45 a.m.** *Break*

**Noon** ***Pathology in Endodontics***  
Bobby M. Collins, D.D.S.

*Educational Objectives:*

- 1. Discuss diagnostic challenges when radiolucent entities appear at the apices of vital teeth.*
- 2. Discuss clinical tests that should be considered when confronted with radiolucencies in general.*
- 3. Describe reasonable differential diagnoses to be included on a requisition, and when biopsy is required.*

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**1 p.m.** *Lunch*

**1:45 p.m.** ***Trauma and Resorption***  
Garry Myers, D.D.S.

*Learning Objectives:*

- 1. To recognize and assess a variety of traumatic dental injuries to include corresponding pulpal effects and treatment principles.*
- 2. To identify the similarities and differences between external, internal and cervical root resorption.*
- 3. To understand what needs to take place before root resorption can occur.*
- 4. To develop concepts and strategies in managing the various types of root resorption that an endodontist may encounter.*

**\*Disclosure:** Dr. Myers has received past honoraria from the College of Diplomates.

**3:45 p.m.** *Break*

4 p.m.

**Diagnosis and Management of Cracked Teeth and Vertical Root Fractures**

Keith V. Krell, D.D.S., M.S., M.A.

*Learning Objectives:*

1. *The new definitions for crack and fractured teeth from 2015.*
2. *The diagnostic tests used for identifying cracks and fractures.*
3. *The known etiologies for cracks and fractures in teeth.*
4. *Recommended treatments for cracks and fractured teeth.*
5. *Possible outcomes after diagnosis and treatment.*

**\*Disclosure:** Dr. Krell has no past or present proprietary or relevant financial relationship or receive gifts in kind (including soft intangible remuneration), consulting position or affiliation, or other personal interest of any nature or kind in any product, service, course and/or company, or in any firm beneficially associated therewith.

5- 6 p.m.

**Mock Oral Exam**

Karl Keiser, D.D.S., M.S., Past Director, American Board of Endodontics

**Learning Objectives:**

*Following this presentation, participants should be able to:*

1. *Understand the importance of the mock oral examination*
2. *Identify the critical elements of an excellent oral exam answer*
3. *Identify the ten sections of the oral examination*
4. *Identify the major endodontic case types used in the oral examination*
5. *Create practice questions based on an exam section/case type matrix*

**\*Disclosure:** Dr. Keiser has no past or present proprietary or relevant financial relationship or receive gifts in kind (including soft intangible remuneration), consulting position or affiliation, or other personal interest of any nature or kind in any product, service, course and/or company, or in any firm beneficially associated therewith.

**DAY 3: Sunday, February 18, 2018**

7 a.m.

*Breakfast*

8 a.m.

**Pain Management**

Ken Hargreaves, D.D.S., Ph.D.

*At the completion of this course, the practitioner should be able to:*

1. *Describe a fast and efficient routine for managing dental pain emergency patients*
2. *Select the best combination of analgesics to manage dental pain*
3. *Provide effective local anesthesia to the classic “hot” molar case*

9:30 a.m.

*Break*

9:45 a.m.

**Surgical Techniques**

Sam Kratchman, D.M.D.

*Learning Objectives*

1. *We will show hemostatic agents and BioCeramics, which are the new generation of bio-compatible root end filling materials.*
2. *Many clinical cases will be shown, utilizing these techniques, as well as a series of cases using various bone grafting and guided tissue membrane materials.*
3. *Success rates/prognosis with current surgical techniques will be discussed, as well as the endodontic surgery versus implant dilemma.*

**\*Disclosure:** Dr. Kratchman has present proprietary or relevant financial relationship and receives financial or material support in the form of royalties from Obtura Spartan Endodontics.

**11:15 a.m.**

*Closing Remarks*

**11:30 a.m.**

Program Conclusion